

PATENT ABSTRACTS OF JAPAN

(11)Publication number : **62-252774**

(43)Date of publication of application : **04.11.1987**

(51)Int.Cl.

C07D237/30
C07D237/32
 // **A61K 31/50**
A61K 31/50

(21)Application number : **62-066871**

(71)Applicant : **FUJISAWA PHARMACEUT CO LTD**

(22)Date of filing : **19.03.1987**

(72)Inventor : **HASHIMOTO SHINJI**

OKU TERUO

ITO YOSHIKUNI

SAWADA KOZO

KASAHARA CHIYOSHI

BABA YUKIHISA

NAMIKI TAKAYUKI

(30)Priority

Priority number : **86 8610018** Priority date : **24.04.1986** Priority country : **GB**

(54) PHTHALAZINE DERIVATIVE AND PRODUCTION THEREOF

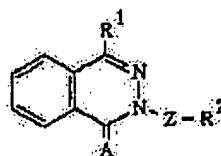
(57)Abstract:

NEW MATERIAL:A phthalazine derivative of formula I [R¹ is ar (lower)alkyl which may have one or more proper substituent groups; R² is carboxy or protected carboxy; A is O or S; Z is lower alkylene] or its salt.

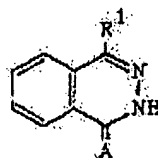
EXAMPLE: 2-[4-(3,4-Dichlorobenzyl)-1,2-dihydro-1-oxophthalazin-2-yl]-acetic acid ethyl ester.

USE: Useful as a drug for remedy of complications of diabetes such as dysraphism in corneal damage, cataract, neuropathy, retinopathy, renal disorder, etc. It exhibits aldose reductase inhibiting activity. Administered preferably by intravenous injection, intramuscular injection or oral administration.

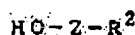
PREPARATION: The compound of formula I can be produced by reacting the compound of formula II or its salt with the compound of formula III or its reactive derivative at the hydroxyl



I



II



III

group.

LEGAL STATUS

[Date of request for examination]

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number]

[Date of registration]

[Number of appeal against examiner's decision of rejection]

[Date of requesting appeal against examiner's decision of rejection]

[Date of extinction of right]

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